The Story of An Old Manual Press Machine

Old Manual Press Machine

The machine I have chosen for my documentation is an old manual cast-iron machine of our family. This machine has been used for our family's gold business, for making dies and designs. This machine is unique to us as it has been working for many generations in our family.

The machine was made 70 – 100 years ago, and is believed to be in the period between 1920 and 1950, and the year of production is unknown. The material of the machine is mainly heavy cast iron, gears are made of strong metal, and the screw mechanism. The width of this machine is 16-17 inches, and it weighs about 35-40 kg. It is a purely hand-operated machine, meaning that it does not require electricity.

It can also be used as a drilling machine, in which case it can drill holes in wood, and in other materials. However, the main use of this machine in our family has been the production of dies for the gold business.

In the gold business, a die is needed to cut out certain shapes, holes, or patterns on the gold leaf or gold plate. Dies are made using this machine, and depending on the desired shape, the holes or patterns are cut out. When the die is ready, it is placed on the gold leaf, and with the help of this machine, pressure is applied, after which the required shape opens on the gold leaf.

This machine has been handed down from generation to generation and has been cared for by our ancestors because it has served in the earliest years of the family business. Electricity was not available, and such machines were necessary for making dies and for working in the workshop in general. At the moment, this machine is not in use because electricity has become available, and modern machines have appeared that are much more efficient and productive. However, this machine is preserved in the family and is considered a symbol of the family business and ancestral work.

Name: Aastha Bariya